

**SYSTEM AND METHOD FOR PROVIDING FAST CALL
SET-UP IN A WIRELESS COMMUNICATION SYSTEM**

ABSTRACT OF THE DISCLOSURE

5 A system and method is provided for fast call set-up in a
wireless communication system. A base station sets up a call from
a mobile station by sending null frames to the mobile station on a
forward traffic channel instead of sending a base station
acknowledgement order. The mobile station sends a traffic channel
10 preamble to the base station on a reverse traffic channel instead
of sending a mobile station acknowledgment order. The fast call
set-up procedure of the present invention reduces the call set-up
time from approximately two (2) to three (3) seconds to
approximately two hundred milliseconds (200 msec) to three hundred
15 milliseconds (300 msec).